

REMARKS

The amendments in Paragraph 74 are corrections of minor errors, the need for which is apparent from the context. The first amendment corrects an obvious clerical error, while the second removes an incomplete clause and inserts a missing period.

In response to the election requirement in the Office Action, applicants hereby elect Species 1, claims 1-17 and 34. This election is made without traverse. Accordingly, the non-elected claims 18-33 and 35 have been cancelled without prejudice to applicants' rights to file divisional and/or continuation applications directed to the subject matter of these claims.

Claims 36-52 have been added to give applicants the full scope of the protection to which they consider themselves entitled. Basis for claims 36-52 is found throughout the specification, drawings and original claims. More specifically, claim 36 is directed to a method similar to that of claim 1 but in which, for all pixels undergoing non-zero transitions, the waveforms applied to the pixels have their last period of non-zero voltage *beginning* at substantially the same time. Basis for this claim is found, *inter alia*, in claim 3, which states that the waveforms applied to the pixels have a last period of non-zero voltage of the same duration. Since the last period of non-zero voltage also terminates at substantially the same time, per claim 1, last paragraph, it necessarily follows that in the method of claim 3, the waveforms applied to the pixels have their last period of non-zero voltage beginning at substantially the same time. Claims 37-40 are exactly parallel to claims 5-8 but depend from claim 36 rather than claim 1.

Claim 41 is directed to a method similar to that of claim 1 but in which, for all pixels undergoing non-zero transitions, the waveforms applied to the pixels have at least one voltage transition occurring at substantially the same time in each waveform. Basis for this claim is found, *inter alia*, in claim 4, which specifies that the waveforms applied to the pixels comprise a plurality of pulses and the transition between pulses occur at substantially the same time in all waveforms; this necessarily implies that at least one voltage transition occurs at substantially the same time in each waveform. Basis for

claim 41 is also found in Figures 3-5 and the related description at Paragraphs 71-74; this portion of the specification teaches a period of zero voltage is introduced into the waveform of Figure 3 to produce the waveform of Figure 4 and to ensure that the x pulse in the Figure 4 waveform begins at the same time as that in the Figure 3 waveform. This portion of the specification also teaches that periods of zero voltage are introduced into the Figure 3 waveform to produce the Figure 5 waveform and to ensure that the start of the Δ IP pulse and the end of the x pulse are synchronized in the Figure 3 and Figure 5 waveforms.

Claim 42 is directed to a method according to claim 41 wherein, for all pixels undergoing non-zero transitions, the first voltage transition of the waveform occurs at substantially the same time in each waveform. Basis for this claim is found, *inter alia*, in Figures 3-5 where the start of the -x pulse is synchronized in all three waveforms.

Claim 43 is directed to a method according to claim 41 wherein, for all pixels undergoing non-zero transitions, the waveform is of the form $-x/\Delta\text{IP}/x$. Again, basis for this claim is found, *inter alia*, in Figures 3-5.

Claims 44-46 are directed to methods according to claim 43 wherein (a) the beginning of the -x pulse occurs at substantially the same time in each waveform; (b) the beginning of the Δ IP pulse occurs at substantially the same time in each waveform; and (c) the end of the x pulse occurs at substantially the same time in each waveform. Again, basis for these claim is found, *inter alia*, in Figures 3-5.

Claims 47-52 are exactly parallel to claims 5-8, 11 and 12 respectively but depend from claim 41 rather than claim 1.

Since all of the added claim 36-52 are directed to methods for synchronizing transitions when driving electro-optic displays, they are directed to the elected species of claims 1-17 and 34.

No new matter is introduced by any of these amendments.

Reconsideration and allowance of all claims now present in this application is respectfully requested.

Zehner et al.
Serial No. 10/711,420
Amendment of May 14, 2007
Page 10

This Amendment does not change either the total number of claims or the number of independent claims present in this application. Accordingly, no additional claim fees are required by this Amendment. However, since the prescribed period for responding to the Office Action expired on March 14, a Petition for a two month extension of this period is filed herewith.

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